AMAX panel 2000 / AMAX panel 2000 EN

ICP-AMAX-P / ICP-AMAX-P-EN

BOSCH

en User Guide

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1 Introduction

ICP-AMAX - LED8-8 Zone LED Keypad	ICP-AMAX-LCD8 - 8 Zone LCD Keypad

Quick keypad operation instructions

Arming	
AWAY arm	[code] + [#] / [#] (quick arming)
STAY arm	[code] + [*] / [*] (quick arming)
Disarming	
Disarm	[code] + [#]
Other Commands	
Fault and Tamper Analysis	[code] + [2] [#]
Walk test	[code] + [4] [#]
Event recall	[code] + [5] [#]
System Reset	[code] + [6] [#]
Bypassing zones	[code] + [9] [#] [zone] + [*] [#]
Bypassing Faults and Tamper conditions	[code] + [97] [#]
Enable/Disable Installer code	Enable = [code] + [98] [#] Disable = [code] + [98] [*]
Change individual code	[code] + [99] [#] [newcode] [#]
Alarm Commands	
Duress alarm	[code] + [0] [#]
Emergency alarm	Simultaneously press and hold [1] and [3] or [*] and [#]
Fire alarm	Simultaneously press and hold [4] and [6]
Medical alarm	Simultaneously press and hold [7] and [9]
Default user code = 2580	

Table 1.1 Quick keypad operation instructions

Keypad Indicators

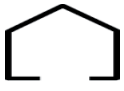
LCD keypad indicator icons	LED keypad indicator lights	Status	Definition
1 2 3	**Zone (1-8)**	on	Zone is triggered.
		off	Zone is normal.
		Fast flash (0.25 seconds lights on/ 0.25 seconds lights off)	Zone was alarmed or is in alarm status.
		Slow flash (1 second lights on/1 second lights off)	Zone is manually bypassed or interior Zone is in STAY ARM mode.
	AWAY	on	System is armed in **AWAY** mode.
		off	System not armed in **AWAY** mode.
		Slow flash (1 second lights on/1 second lights off)	Exit time.
		Fast flash (0.25 seconds lights on/ 0.25 seconds lights off)	Programming mode or Code function mode. **STAY** indicator flashes simultaneously.
	STAY	on	System is armed in **STAY** mode.
		off	System not armed in **STAY** mode.
		Slow flash (1 second lights on/1 second lights off)	Exit time.
		Fast flash (0.25 seconds lights on/ 0.25 seconds lights off)	Programming mode or Code function mode. **AWAY** indicator flashes simultaneously. When bypass function is performed, the **STAY** indicator only flashes.
	MAINS	on	AC main power is normal.
		Slow flash (1 second lights on/1 second lights off)	AC main power supply failed.
	FAULTS	on	System fault or Tamper condition is present.
		off	System is in normal status.
		Flashes	System fault or Tamper condition must be acknowledged.
		on	System is disarmed.

Table 1.2 Keypad Indicators

Keypad sounds

Sound indicator	Definition
One short beep	A keypad button has been pressed.
One single one-second beep	The requested operation is refused. Incorrect operation signal.
Two short beeps	The system accepted the code. The system executed the requested function.
One short beep per second	In walk test mode.
One short beep every two seconds	Exit time started.
Continued sound	– Last 10s on exit time – Keypad fault/tamper sound (fault/tamper to be acknowledged) – Keypad alarm sound
Continuous 0.5 second beep, stops 0.5 seconds	Entry delay time (until alarm ends or system is disarmed).

Table 1.3 Keypad sounds

Zone description

Zone 1 _____
Zone 2 _____
Zone 3 _____
Zone 4 _____
Zone 5 _____
Zone 6 _____
Zone 7 _____
Zone 8 _____
Exit Time _____ sec
Entry Time _____ sec

User Code Names

Code 1 _____
Code 2 _____
Code 3 _____
Code 4 _____
Code 5 _____
Code 6 _____
Code 7 _____
Code 8 _____
Code 9 _____Keyfob 1
Code 10 _____ Keyfob 2
Code 11 _____ Keyfob 3
Code 12 _____ Keyfob 4
Code 13 _____ Keyfob 5
Code 14 _____ Keyfob 6
Code 15 _____ Keyfob 7
Code 16 _____ Keyfob 8

2 Arming and Disarming the System

2.1 Arming the System

NOTICE!
When the number of incorrect code entries on the keypad reaches a specified number, the keypad will automatically lock for 180 seconds and alarm is reported.If the keypad is idle for 4 minutes, the system will automatically exit from any operational mode.

2.1.1 Arming in AWAY mode

Arming the system in AWAY Mode is normally performed when you leave the premises and require that all zones are activated in a ready state to detect an intrusion.

Keypad arming

The system can be set to AWAY mode in two different ways.

To arm the System in AWAY mode (method 1)

Enter your code and press [#].

Two beeps sound, the AWAY indicator flashes slow, and exit time starts. After exit time, the AWAY indicator turns is lit.

To arm the System in AWAY mode (method 2)

Press and hold [#] until it beeps twice.

The AWAY indicator flashes slow, and exit time starts. After exit time, the AWAY indicator is lit.

Please contact your installer to enable/disable this function.

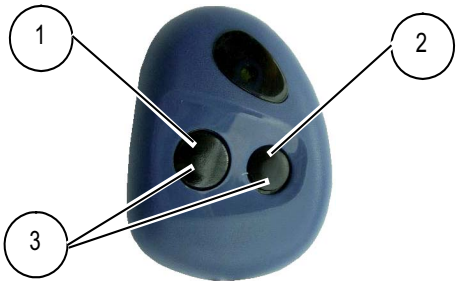
Telephone remote arming

The user dials the control panel number. The control panel answers the call and issues a long beep. After the long beep, the user must press the [#] key. When the Panel receives the signal it will confirm the arming of the control panel with a high tone.

Please contact your installer to enable/disable this function.

Arming in AWAY mode with wireless remote control Key

Press and hold the Arming Button until two beeps sound on the remote keypad and the AWAY indicator flashes slow. Exit time starts. After exit time, the AWAY indicator is lit.

RE012E:2 standard wireless remote control key

1 –Button 1: Arm in AWAY mode 2 –Button 2: Disarm 3 –Button 1 and 2: Press both buttons at the same time to activate Panic alarm

Key switch arming

Users can use a key switch to Arm and Disarm the system. When the Key switch is activated, the AWAY indicator flashes slow and exit time starts. After exit time, the AWAY indicator is lit.

When the Key switch is deactivated, the system is disarmed and Away indicator is off.

2.1.2 Arming in STAY mode

STAY Mode is used when you need to arm the perimeter and unused areas of the premises to detect a would-be intruder, while at the same time being able to move freely within an area that is automatically isolated
There are two methods to arm your system in STAY Mode

To arm the system in STAY mode (method 1)
Enter your code and press [#].
Two beeps sound, the STAY indicator flashes slow and exit time starts. After exit time, the STAY indicator is lit.
The lights corresponding to all zones programmed as automatically isolated zones (Interior Instant Zone) begin to flash and continue until the exit time is finished.

To arm the system in STAY mode (method 2)
Press and hold [#] for 3 seconds.
When two beeps sound, release the button.
The STAY indicator flashes slow and exit time starts. After exit time, the STAY indicator is on.
Please contact your installer to enable/disable this function.

2.1.3 Forced arming

Arming the system when a zone is not sealed is known as forced arming. If the AWAY indicator does not glow, and if a long beep sounds when you attempt to arm the system in AWAY Mode, then forced arming is not permitted. If this is the case, then you will have to seal all zones or manually isolate them before you can arm the system.
Please contact your installer to enable/disable this function.

2.2 Disarming the System

2.2.1 Disarming with CODE

Enter your code and press [#] .Two beeps sound and the AWAY or STAY indicator is extinguished.

2.2.2 Disarming with wireless control Key

Press and hold the Disarming Button. Two beeps sound and the AWAY or STAY indicator is extinguished.

2.2.3 Disarming with Key switch

When the Key switch is deactivated, the system is disarmed and the AWAY or STAY indicator is extinguished.

3 Faults or Tamper conditions

Whenever a system fault or tamper condition occurs, the FAULT or MAINS indicator flashes and the keypad beeps.

NOTICE!
Operation can be carried out only in status.

3.1 System fault or tamper analysis Mode

To enter fault or tamper analysis mode for determining a system fault or tamper condition:

1. Enter your Code and [2] and press [#]. Two beeps sound.The FAULT indicator remains lit and the STAY and AWAY indicators flash. The lit zone indicators indicate the type of fault or tamper condition that occurred.
2. For a multi-level menu, enter the corresponding number to enter the submenu, press [0] key to return to the main menu.
3. To exit from Fault and Tamper Analysis Mode, press [#] . The STAY and AWAY indicators are extinguished and the FAULT indicator remains lit, and the keypad stops the beep.

Fault and tamper conditions

1	**Accessory Modules Fail**	
	1	Keypad 1 fail
	2	Keypad 2 fail
	3	DX 3010 Fail
	4	B420/DX 4020 /-G Fail
2	**Power Faults**	
	1	AC Fault
	2	Fault Battery
	3	Aux Power Supply Fault
	4	Bosch Option Bus Power Fault
	5	RF Power Fault
3	**Warning Device Failure List**	
	1	Warning Device 1 Disconnected
	2	Warning Device 1 Short
	3	Warning Device 2 Disconnected
	4	Warning Device 2 Short
4	**Telephone Line Fail**	
5	**Date and Time Fail**	
6	**Communications failure**	
	1	Communication Failure 1
	2	Communication Failure 2
	3	Communication Failure 3
	4	Communication Failure 4
7	**Tamper**	
	1	On board Tamper
	2	Keypad 1 Tamper
	3	Keypad 2 Tamper
	4	Keypad Lock out
	5	Sensor Tamper (Zone 1-8)
	6	Tamper Zone (Zone 1-8)
8	**External Fault**	

4 Walk test mode

This function allows code holders to test detection devices to ensure they are functioning correctly. Before activating Walk test Mode, bypass any zones that are not required for testing.
During the walk test, no walk test report is sent out to the control panel system.

To enter into Walk test Mode:

1. Enter your Code + [4] and press [#].
   Two beeps sound and the STAY and AWAY indicators flash. The keypad beeps once per second when walk test mode is active.
2. Unseal and seal the zones to be tested.
   The keypad sounds one second beep and the siren sounds one beep each time when a Zone status is changed.

5 Event Memory Recall mode

This function allows you to playback the last 254 system events that occurred.
Event Memory recall mode reports all alarms and each arming or disarming of the system and helps in troubleshooting system faults.
The events are shown using the keypad indicators. Defined events are shown using keypad indicators.

To enter Event memory Recall mode:

Enter your code + [5] and press #. Two beeps sound. The events are played back by the keypad indicators in reverse chronological orer.

Example:

If the events occurred in the following order:

Sequence	Event
1	System armed in AWAY mode
2	Alarm in Zone 3
3	Alarm in Zone 4
4	System disarmed

The alarm memory is played back in this order:

Sequence	Indication	Event
1	All indicators off	System disarmed
2	Zone 4 and AWAY indicators light	Alarm in Zone 4
3	Zone 3 and AWAY indicators light	Alarm in Zone 3
4	AWAY indicator lights	System armed in AWAY mode

Each event is indicated by a beep and a lit indicator.
Resetting a disarmed 24-Hour alarm is indicated by a beep only.
After the last event, two beeps sound to indicate the end of the playback.
You can stop the replay at anytime by pressing [#].
If the system is armed in STAY mode, the STAY indicator shows the event memory playback.
If the control panel is powered down the memory of all events is saved.

6 Reset the Control Panel

This function allows code holders to reset all Alarm Faults and Tamper conditions.

Enter your code and then press [6] [#].

The keypad beeps twice and the signal is eliminated.

NOTICE!

You can reset alarms, faults or tamper conditions, only when they are not active anymore.

7 Bypassing

7.1 Bypassing Zones

By bypassing Zones, one or more zones are disabled for one arming cycle. After bypassing a zone, you can arm the system even when a zone is in alarm state.

How to bypass a zone

1. Enter your code and press [9] [#]. The STAY indicator flashes fast.
2. Enter the zone number you wish to bypass, then press the [*] key.
   (If you wish to bypass multiple zones, please repeat step 2).
3. If you wish to cancel bypassed zone, enter the zone number of the bypassed zone , then press the [*] key.
   (If you wish to cancel several bypassed zones, please repeat step 3.)
4. Press [#] to exit.

NOTICE!
If the selected zone is already bypassed, when operating this zone, the bypass from this zone will be cancelled.

7.2 Bypassing Faults and Tamper conditions (Except Zone Tampers)

Bypassing Faults and Tamper conditions, one or more faults and tamper conditions are disabled for one arming cycle. After bypassing a Fault or Tamper condition, you can arm the system even when a Fault or Tamper condition exists.

How to bypass faults and tamper conditions

1. Enter user code + [97] and press [#].
   Two beeps sound.

8 Codes

8.1 Enable / Disable the installer codes

This function allows user code holder to enable or disable the installer code.
Installer can only perform actions when he is enabled by a user.

1. Enter your user code + [98] and press [#] to enable the function.
   Two beeps sound.
2. Enter your user code + [98] and press [*] to disable the function.
   Two beeps sound.

8.2 Change individual code

This function allows user to change their individual code.

How to change the code

1. Enter your code and press [99] [#].
   Two beeps sound and the STAY and AWAY indicators flash, and your user number is shown on the keypad.
2. Enter the new code and press [#].
   Two beeps sound and the STAY and AWAY indicators are extinguished.

NOTICE!
This function is automatically terminated if you do not press a button within 240 seconds or if you press [#]. One long beep indicates that the code already exists or that you entered an incorrect user number.

9 Keypad alarm operation commands

9.1 Duress alarm

A keypad duress alarm is used as a silent holdup alarm when 0 is added to the end of a valid Code used to disarm the system ([code] + [0] + [#]).
A duress alarm is useful only if your system reports to a monitoring station. Domestic reporting cannot define the type of alarm that occurred.

9.2 Keypad panic alarm

If you simultaneously press and hold [1] and [3] or simultaneously press and hold [*] and [#], a silent emergency alarm will be transmitted. Please contact your installer to enable/disable the keypad emergency alarm functionality.
Simultaneous pressing and holding the wireless remote control key arming and disarming key can also transmit a wireless emergency alarm.

9.3 Keypad fire alarm

If you simultaneously press and hold [4] and [6], a silent keypad fire alarm will be transmitted. Please contact your installer to enable/disable the fire alarm functionality.

9.4 Keypad medical alarm

If you simultaneously press and hold [7] and [9], a silent keypad emergency medical alarm will be transmitted. Please contact your installer to enable/disable the emergency medical alarm functionality

10 Domestic Dialing

Domestic Dialing Alarm

When the control panel is activated into zone tamper/zone alarm, it can dial the mobile phone or telephone number of a family member/friend. A maximum of one telephone number can be called through the control panel during an alarm.

Contact your installer to enable/disable the Domestic dialinf functionality.

Confirming the Domestic call

All alarm events need acknowledgement.

The transmission sequence is repeated until the control panel recieves an acknowledgement tome.

The control panel automatically hangs up after 45 seconds if it cannot detect the acknowledgement tone and redial later.

The user presses [#] between two acknowledgement tones to confirm the alarm.

If the control panel got the [#] acknowledgement from the user, it will send 2 second long beep as acknowledge tone and hang up the line.

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